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WING

Rural District Council.

ANNUAL REPORT

UPON THE

Public Health and Sanitary Condition,

FOR THE YEAR

1925,

BY

W. H. SQUARE,

L.R.C.P., L.R.C.S.,

Medical Officer of Health.

Rush & Warwick. Printers, Leighton Buzzard.

TO THE RURAL DISTRICT COUNCIL OF WING.

Gentlemen,

I beg to present my Annual Report for the year 1925.

I was appointed Medical Officer of Health in October last, and owing to the death of my Predecessor, and the transfer of his practice, various information required by me for the proper compilation of my Report, appears to be incomplete. The Report is not all I could wish, but I have, however, done the best I possibly can under the circumstances.

In future years there shall be no need for apologies.

Your obedient Servant,

W. H. Square.

GENERAL STATISTICS.

Area (acres), 28,187.

Population (1924), 5,571.

Number of inhabited houses (1925), 1,561.

Number of families or separate occupiers (1925), 1,567.

Rateable value, £79,553.

Sum represented by a penny rate, on assessable value, £242.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		Total.	M.	F.
Births	{ Legitimate	68	36	32 }
	{ Illegitimate	1	0	1 }
Deaths	...	69	26	43

Deaths of infants under one year of age per 1,000 births:—

Legitimate, 1; Illegitimate, nil; total, 1.

Deaths from measles (all ages), nil.

Deaths from whooping cough (all ages), nil.

Deaths from diarrhœa (under 2 years of age), nil.

INFECTIOUS DISEASES.

DIPHTHERIA.

There were three cases of diphtheria notified during the year.

On February 20th, a boy, aged 11 years, was notified from Wing, and was removed to hospital. He died.

On January 4th, a boy, aged 2 days, was notified from Ivinghoe, and was removed to hospital. He recovered.

On January 4th, a boy, aged 12 years, was notified from Wing, and was removed to hospital. He recovered.

SCARLET FEVER.

There were five cases of scarlet fever notified during the year.

On January 4th, a boy, aged 7 years, was notified from Ledburn, and was isolated at home.

On January 7th, a girl, aged 10 years, was notified from Helsthorpe, and was isolated at home.

On March 7th, a woman, aged 23 years, was notified from Crafton, and was isolated at home.

On October 20th, a boy, aged $9\frac{1}{2}$ years, was notified from Edlesborough, and isolated at home.

On November 12th, a girl, aged 4 years, was notified from Edlesborough, and isolated at home.

ENTERIC.

There was one case of enteric notified during the year.

On February a man, aged 23 years, was notified from Marsworth, and removed to hospital. He died.

ERYSIPELAS.

There was one case of this disease notified on November 21st, from Wing, of a man, aged 37 years.

CHICKEN POX.

On February 9th, a girl, aged 11 years, was notified from Wing.

Very few cases of measles were notified to me by the School Authorities during the year.

TUBERCULOSIS.

There were five cases of tuberculosis notified during the year.

On February 24th, a man, aged 27 years, was notified from Marsworth. Entered the sanatorium March 13th, and since discharged (lungs).

On May 14th, a woman, aged 35 years, was notified from Wing. Entered the sanatorium June 5th.

On May 14th, a woman, aged 22 years, was notified from Wing.

On September 1st, a woman, aged 60 years, was notified from Cheddington.

On May 7th, a man, aged 42 years, of Edlesborough, was notified from the University College Hospital.

PNEUMONIA.

There was one case of pneumonia notified during the year.

On November 4th, a woman, aged 78 years, was notified from Ledburn.

GROVE ISOLATION HOSPITAL.

During the year 5 cases were treated in the Joint Isolation Hospital, from the Wing Rural District.

There are in the Hospital:—

10 scarlet fever beds.

4 diphtheria beds.

8 typhoid beds.

There is an inexhaustible water supply to the Hospital, which is pumped into a large tank gravitating to each ward and the administration block. The drainage is very satisfactory and is discharged into a septic tank, the effluent being treated in brick filter. This is regularly cleaned out as required and the drains are frequently disinfected.

It is a thoroughly well equipped hospital and quite up to date in every respect.

There is a permanent matron who resides there, and the administration is on the best lines.

It is quite able to deal with all cases that occur in the joint Wing and Linslade districts. Specimens are sent to the Clinical Research for microscopic and bacteriological examination.

Arrangements are in force with Leighton Buzzard to receive cases of small pox in the small pox hospital situated in the Stanbridge Road, Leighton Buzzard.

A motor ambulance is obtained for the removal of patients when necessary.

The general nursing is carried out by the district nurses. The infectious diseases are nursed in the Grove Isolation Hospital, particulars of which have just been given.

There are two practising midwives resident in the district, and there are several others just outside the boundary.

There is a Tuberculosis Dispensary conveniently situated at Aylesbury, and the patients can be admitted to the Bucks and Berks sanatorium.

Children and adults can be admitted to the Royal Hospital at Aylesbury for general medical and surgical treatment.

Antitoxin and disinfectants are supplied by the Council in all cases of infectious disease.

During the year a system of hot water radiators was completed in the scarlet fever and diphtheria wards, which is proving very satisfactory.

WATER SUPPLY.

At Wing the water is obtained by a boring into the lower green sand. It is bored 120 feet from the surface. The rest level of the water is 18ft. from the surface. The well itself is in Linslade Parish close to the London and North Western Railway line at Southcourt Bridge.

The average yield of water is 4,000 gallons per hour. It is pumped a distance of a mile and a half to a reservoir situated on high ground just inside the Wing boundary, near Burcott Farm, and which has been purchased by the Bucks County Council.

The water is filtered through sand filters which extract the iron; it is then stored in a reservoir of a capacity of 70,000 gallons, whence it gravitates round the village. Quite three-

quarters of the village are connected up and during the past year new and additional properties have been connected. Cattle drinking troughs are also supplied by it.

At Cheddington there is a public water supply; the well is situated at West End Hill. The water is pumped into a reservoir holding 40,000 gallons and it is supplied to the village by gravitation through three and four inch mains, stand pipes being fixed in the village.

During the year several properties have been connected up with the public supplies at Wing, and this still continues.

In other villages the water is from wells.

SEWERAGE AND SEWAGE DISPOSAL.

At Wing, the outfall works, consisting of septic tanks and duplicate filters, are situated on the north side of the village.

A very satisfactory effluent is obtained. A small portion of waste land here is used for broad irrigation on which suitable crops are grown.

The scavenging is done by a contractor for the district Council twice a week.

At Cheddington the village is sewered and gravitates toward the south end of the village, where it is treated by broad irrigation over four acres of land, the land being used for the growing of mangolds and other suitable crops. The scavenging is undertaken by the Mentmore Estate.

In other villages the pail closet system is in use.

ELEMENTARY SCHOOLS.

There are schools in the following villages:—Stoke, Soulbury, Wing, Mentmore, Cheddington, Marsworth, Pitstone, Ivinghoe, Ivinghoe Aston, Dagnall, Slapton and Edlesborough.

The sanitary accommodation is satisfactory.

MILK SUPPLY.

There are 109 registered cowkeepers in the Rural District, representing about 1,280 cows. The sheds are principally in the parishes of Soulbury, Wing, Stoke Hammond, Slapton and Cheddington. The milk goes chiefly to London, Aylesbury, Watford and Harrow.

SLAUGHTER HOUSES, BAKEHOUSES, ETC.

There are 6 registered slaughter houses, two being at Wing, one at Ivinghoe, one at Pitstone, one at Edlesborough, and one at Soulbury.

They are all kept in good condition and white washed regularly.

An Inspector has been appointed under the P.H. (meat) register 1924.

There are nine registered bakehouses in the district. They are all kept in a clean condition. There is only one underground one.

There is a brewery in the district which gives considerable employment to the villagers of Ivinghoe.

There is also a flour mill and two brick yards, one brick yard at Wing, and one at Mentmore.

SANITARY INSPECTOR'S REPORT.

CANAL BOATS.

No. of boats inspected	-	-	-	-	42
No. of boats registered to carry			-	-	116
No. of male adults on boats	-	-	-		34
No. of female adults on boats	-	-	-		30
No. of children on boats	-	-	-		108
Average per boat	-	-	-	-	3.26

No legal proceedings taken **during** the year. Two boats did not carry registration papers, but these were produced later.

HOUSING.

Number of new houses erected during the year:—

(a) Total	-	-	-	-	6
(b) As part of a municipal housing scheme	-				nil

1. DWELLING HOUSES.

Inspection—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	-	-	-	-	154
(2) Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	-				154

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation - - - 8

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation - - - - nil

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers - - - - 8

3. ACTION UNDER STATUTORY POWERS.

A.—Proceedings under Section 28 of the Housing, Town Planning, etc., Act, 1919.

(1) Number of dwelling houses in respect of which notices were served requiring repairs - - - nil

(2) Number of dwelling houses which were rendered fit - - - 8

(a) by owners - - - - 8

(b) by local authority in default of owners - nil

(3) Number of dwelling houses in respect of which closing orders became operative in pursuance of declarations by owners of intention to close - nil

B.—Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 1

(2) Number of dwelling houses in which defects were remedied - - - - 1

(a) by owners - - - - 1

(b) by local authority in default of owners - nil

C.—Proceedings under sections 17 and 18 of the Housing, Town Planning, etc., Act, 1909.

(1) Number of representations made with a view to the making of Closing Orders - - - nil

(2) Number of dwelling houses in respect of which Closing orders were made - - - nil

- (3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit - - - nil
- (4) Number of dwelling houses in respect of which Demolition Orders were made - - - nil
- (5) Number of dwelling houses demolished in pursuance of Demolition Orders - - - nil

GENERAL.

Number of inspections	-	-	-	-	-	451
Complaints received	-	-	-	-	-	1
Nuisances detected without complaint	-	-	-	-	-	8
Notices served, informal	-	-	-	-	-	1
Nuisances abated (a) by person responsible	-	-	-	-	-	3
(b) by Council	-	-	-	-	-	nil
Summonses taken out	-	-	-	-	-	nil
Convictions	-	-	-	-	-	nil

HOUSE NUISANCES.

Roofs repaired	-	-	-	-	-	8
Spouts cleaned and repaired	-	-	-	-	-	1
Pavement repaired	-	-	-	-	-	1
Overcrowding abated	-	-	-	-	-	nil
Dirty houses cleansed	-	-	-	-	-	1
Other defects remedied	-	-	-	-	-	1

DRAINS, W.C.'S, PRIVIES, ETC.

Total defects found	-	-	-	-	-	6
Drains cleansed, repaired, or ventilated	-	-	-	-	-	3
New drains laid	-	-	-	-	-	10
W.c.'s (new)	-	-	-	-	-	9
Privies to E.C.'s	-	-	-	-	-	1

WATER SUPPLY.

Houses supplied with water during the year (formerly without)	-	-	-	-	-	18
Samples taken for analysis	-	-	-	-	-	5
Certificates granted (Rural Districts only)	-	-	-	-	-	nil
Certificates deferred (Rural Districts only)	-	-	-	-	-	nil
Cisterns cleansed, repaired, etc.	-	-	-	-	-	nil
Wells cleansed or repaired	-	-	-	-	-	nil
Wells closed	-	-	-	-	-	1

SLAUGHTER HOUSES.

Number on Register	-	-	-	-	-	5
Number of inspections	-	-	-	-	-	20
Number of defects found	-	-	-	-	-	1
Number remedied	-	-	-	-	-	1

BAKEHOUSES.

Number on Register	-	-	-	-	-	10
Number of inspections	-	-	-	-	-	40
Number of defects found	-	-	-	-	-	nil
Number remedied	-	-	-	-	-	nil

DAIRIES, COWSHEDS AND MILKSHOPS.

Number of dairymen or Purveyors of Milk on Register	-	-	-	-	-	109
Number of Cowkeepers on Register	-	-	-	-	-	106
Number of inspections	-	-	-	-	-	218
Number of defects found	-	-	-	-	-	1
Number remedied	-	-	-	-	-	1

FACTORIES AND WORKSHOPS.

Number on Register	-	-	-	-	-	22
Number of inspections	-	-	-	-	-	22
Number of defects found	-	-	-	-	-	nil
Number remedied	-	-	-	-	-	nil

VARIOUS.

Plans submitted during the year	-	-	-	-	-	10
Removals of animals improperly kept	-	-	-	-	-	nil
Visits to infected houses	-	-	-	-	-	14
Houses disinfected	-	-	-	-	-	7
Other items	-	-	-	-	-	nil

TABLE I.

Vital Statistics of Whole District during 1925 and previous Years.

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.		
		Number.	Nett. Rate.	Number.	Rate.	of Non-Residents registered in the district.	of Residents not registered in the District.	Under 1 year of age		At all Ages.
								Number	Rate per 1000 Nett Births.	
1	2	3	4	5	6	7	8	9	10	11 12
1919	5513	85	14·8	59	10·7	0	14	2	23·5	73 13·2
1920	5733	119	20·75	55	9·6	4	12	7	58·8	63 10·9
1921	5530	98	17·7	67	12·1	2	13	6	61·2	78 14·1
1922	5581	85	15·2	78	13·9	0	12	7	80·	90 16·1
1923	5528	90	16·2	56	10·1	4	11	3	33·3	63 11·3
1924	5571	95	17·05	67	12·02	3	15	4	42·1	79 14·2
1925	5493	68	12·38	49	8·92	0	9	1	14·7	58 10·56

TABLE II.

Cases of Infectious Disease notified during the year 1925

Disease.	Number of Cases Notified.											Cases removed to Hospital.	Total Deaths.
	At all ages.	Under 1 yr.	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 upwards
Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	3	1	...	...	...	...	...	1	1	...	...	...	...
Scarlet Fever ...	5	...	...	...	...	1	3	...	...	1	...	1	...
Enteric Fever ...	1	...	...	...	...	...	...	...	...	1	...	1	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	1	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas ...	1	...	...	...	...	...	...	...	...	...	1	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis ...	5	...	...	...	...	...	...	...	...	3	1	1	...
Chicken Pox ...	1	...	...	...	...	...	...	1	...	...	...	...	...
Totals ...	17	1	...	...	...	1	3	2	1	5	2	1	1
	...	...	...	...	...	...	...	...	...	...	...	5	2

TABLE III.
TUBERCULOSIS.—1925.

Age Periods.			New Cases.				Deaths.			
			Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...						
1	...	...						
5	...	...						
10	...	...						
15	...	...						1		
20	...	...		1			1			
25	...	...						
35	...	...	1	1	1		1			
45	...	...		1			1	1		
65 upwards	...	...						
Totals	...	...	1	3	1		3	2		

Causes of Death during Year 1925.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
1	2	3	4	5	6	7	8	9	10	11
All causes { Certified ...	69									
Uncertified ...										
Enteric Fever ...										
Small-pox ...										
Measles ...										
Scarlet fever ...										
Whooping-cough ...										
Diphtheria and Croup ...	1									
Influenza ...	1									
Encephalitis Lethargica ...										
Phthisis (pulmonary tuberculosis) ...	6									
Tuberculous Meningitis ...										
Other tuberculous diseases										
Cancer (malignant disease) ...	10									
Organic Heart Disease ...	16									
Bronchitis ...	2									
Pneumonia (all forms) ...	1									
Other diseases of respiratory organs ...	1									
Diarrhoea and Enteritis ...										
Diabetes ...	1									
Cerebral Hemorrhage ...	8									
Ulcer of Stomach or Duodenum ...	1									
Nephritis & Bright's Disease ...	3									
Puerperal fever ...										
Other accidents and diseases of Pregnancy and Parturition ...										
Congenital Debility and Malformation, including Premature Birth ...	1									
Violent Deaths, excluding Suicide ...										
Other Defined Diseases ...	14									
Diseases ill-defined or unknown ...	1									
Rheumatic Fever ...	1									
Arterio-Sclerosis ...	1									
	69									

Impossible to work this out as my Predecessor's register is incomplete.

Infantile Mortality during the year 1925.

Nett Deaths from stated causes at various Ages
under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes.	Certified ...	1									1
	Uncertified ...										
{	Small-pox ...										
	Chicken-pox ...										
	Measles ...										
	Scarlet Fever ...										
	Whooping Cough ...										
	Diphtheria and Croup ...										
	Erysipelas ...										
	Tuberculous Meningitis ...										
	Abdominal Tuberculosis ...										
	Other Tuberculous Diseases										
	Meningitis, <i>not Tuberculous</i>										
	Convulsions ...										
	Laryngitis ...										
	Bronchitis ...										
	Pneumonia (all forms) ...										
	Diarrhoea ...										
	Enteritis ...										
	Gastritis ...										
	Syphilis ...										
	Rickets ...										
	Suffocation, overlying ...										
	Injury at Birth ..										
	Atelectasis ...										
{	Congenital Malformations										
	Premature Birth ...	1									
	Atrophy, Debility and Marasmus ...										
	Other Causes ...										
		1									1

Ophthalmia Neonatorum.	Cases.			Vision unimpaired	Vision impaired.	Total Blindness.	Deaths.
	Notified.	Treated.					
		At Home.	In hospital				
Nil	—	—	—	—	—	—	—

